

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 271  | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (metric) and (traceback) and (small\$ short\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/09 11:47 |
|       |      | ("trellis coded modulation" TCM)) and (euclid\$ near distance)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/09 11:45 |
|       |      | (trellis coded modulation TCM)) and (euclid\$ near distance)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/09 11:45 |
|       |      | (trellis coded modulation TCM)) and (euclid\$ near distance) and ((new next) near (metric state)) and ((traceback trace\$back) with (small\$ minimum)) and (euclid\$ | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/09 11:45 |
|       |      | 714/796.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/01/09 08:38 |
| S2    | 455  | 714/796.ccls. (soft with constellation)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/01/09 08:38 |
| S3    | 4    | 714/796.ccls. and (soft with constellation)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/01/09 08:39 |
| S4    | 4    | 714/796.ccls. and (soft with constellation)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/09 08:44 |
| S5    | 8227 | (viterbi and (trellis coded modulation TCM))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/09 08:45 |

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| S6  | 170 | (viterbi and (trellis coded modulation TCM)) and (soft) and (metric with distance) and ((new next) near (metric state))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 09:54 |
| S7  | 82  | (viterbi and (trellis coded modulation TCM)) and (soft) and (metric with distance) and ((new next) near (metric state)) and (traceback trace\$back)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 09:55 |
| S8  | 25  | (viterbi and (trellis coded modulation TCM)) and (soft) and (metric with distance) and ((new next) near (metric state)) and ((traceback trace\$back) with (small\$ minimum))                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 10:43 |
| S9  | 14  | (viterbi and (trellis coded modulation TCM)) and (soft) and (metric with distance) and ((new next) near (metric state)) and ((traceback trace\$back) with (small\$ minimum)) and (euclid\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:43 |
| S10 | 401 | ("trellis coded modulation" TCM) and (euclid\$ near distance)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:44 |
| S11 | 17  | ((("trellis coded modulation" TCM) and (euclid\$ near distance)).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:46 |
| S12 | 39  | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (metric) and (traceback))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:47 |
| S13 | 0   | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (metric) and (traceback)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:46 |
| S14 | 1   | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (metric) and (traceback)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:46 |
| S15 | 34  | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (metric) and (traceback) and (small\$ short\$))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:47 |

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| S16 | 16 | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (metric) and (traceback) and ((small\$ short\$) near (distance metric)))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 11:48 |
| S17 | 35 | ("trellis coded modulation" TCM) and (euclid\$ near distance) and (soft near receiv\$)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:46 |
| S18 | 0  | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (soft near receiv\$)).ab.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:44 |
| S19 | 1  | ((("trellis coded modulation" TCM) and (euclid\$ near distance) and (soft near receiv\$)).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:44 |
| S20 | 1  | ("trellis coded modulation" TCM) and (euclid\$ near distance) and (soft near receiv\$) and (metric) and (traceback)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:45 |
| S21 | 29 | ("trellis coded modulation" TCM) and (euclid\$ near distance) and (soft near receiv\$) and (metric)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:45 |
| S22 | 1  | ("trellis coded modulation" TCM) and (euclid\$ near distance) and (soft near receiv\$) and traceback  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:46 |
| S23 | 1  | ("trellis coded modulation" TCM) and (soft near receiv\$) and traceback   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:46 |
| S24 | 0  | ((("trellis coded modulation" TCM) and (euclid\$ near distance)).ab. and (soft near receiv\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:46 |
| S25 | 3  | ((("trellis coded modulation" TCM) and (euclid\$ near distance)).clm. and (soft near receiv\$)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:47 |

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| S26 | 1  | ((("trellis coded modulation" TCM) and (euclid\$ near distance)) same (soft near receiv\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:48 |
| S27 | 22 | ((("trellis coded modulation" TCM) same (euclid\$ near distance)) and (soft near receiv\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:48 |
| S28 | 4  | ((("trellis coded modulation" TCM) with (euclid\$ near distance)) and (soft near receiv\$) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/09 13:48 |